



## Memo

*Date:* April 28, 2017

*To:* Paul Zschack, Photon Science Division Director

*From:* Steve Hulbert, NEXT Project Manager

*Subject:* Acceptance of ISS Beamline by NSLS-II Facility Operations

Construction of the ISS beamline at 8-ID, one of five insertion device beamlines delivered by the NEXT Project, is complete and light has been delivered to its endstation. The milestones achieved during the transition from construction to operation for this beamline are provided below. Successful achievement of these milestones is evidence that the ISS beamline is ready for operational status in the NSLS-II Facility:

- ISS Photon Delivery System complete and ISS IRR complete (24-Mar-2016)
- Authorization from the NSLS-II Director to Start ISS Commissioning (3-Apr-2016)
- ISS First Light (5-Apr-2016)
- ISS Flux verified (23-Jun-2016)
- ISS Endstation construction complete (28-Oct-2016)

The endstation for ISS features a sample chamber for in-situ, operando measurements and detectors for absorption (pin diodes, silicon drift diodes) and emission (von Hamos spectrometers) measurements.

ISS beamline scope was verified at the NEXT Scope Verification Review held 27-28 February 2017 and completion has been documented via WBS Closeout Acknowledgments.

The purpose of this memo is to report this status and request your acknowledgment that the NSLS-II Facility has accepted the ISS photon delivery system and endstation into its operating portfolio.

  
Steve Hulbert, NEXT Project Manager

  
Date

Cc: E. Johnson, J. Hill